



WOOD CURLS SUBMISSIVELY.

VP60

THE PITCH PERFECT PLANE



Changing the Pitch of the VP-60 is Accomplished Quickly with an Allen Wrench.



The Stainless Steel Sole Features Independently Adjustable Front and Rear Throat Plates.



The Articulated Portion of the Iron Cap Consists of a Stainless Steel Pressure Bar and a Solid Brass Dampener. In Combination, they Attenuate the Iron, Thereby Minimizing Chatter.



SPECIFICATIONS:

Iron: A2, Rc 60-62, Cryo Treated, Lapped <1.5 RMS

Maximum Cutting Width: 2.1"

Attack Angle: Variable, 30-90 Degrees

Total Weight: 6 lbs.

Sole Length: 9.62"

Adjustable Throat: Front and Rear

Height: 5.6"

Overall Length: 11.5"

Totes: Cocobolo

THERE WAS A TIME—NOW LONG GONE—WHEN FURNITURE-GRADE LUMBER WAS FROE-SPLIT FROM “PERFECT” LOGS. AS ONE MIGHT IMAGINE, THESE STRAIGHT-GRAINED BOLES YIELDED PLANKS THAT WERE NO MATCH FOR A SHARP PLANE IN SKILLED HANDS. TODAY, SAWN TIMBERS FROM AROUND THE GLOBE CONTAIN INFINITELY VARYING GRAIN AND HARDNESS CHARACTERISTICS—OFTEN IN A SINGLE BOARD!

Consequently, planes evolved with various pitches and angles of attack for specific hardness and grain considerations. The most common are:

37.5° Low Angle Plane—primarily used for softwoods and end grain.

45° Common Pitch—the most common pitch for bench planes.

50° York Pitch—preferred by many as the ideal pitch for hardwoods.

55° Middle Pitch—for more difficult grain and molding planes.

60° Half Pitch—for really difficult grain in addition to molding planes.

Scraper Plane—angles of attack from 80° and up—indispensable for “roey” wood.

Obviously, without a sharp iron or proper truing and tuning, no plane will yield satisfactory results. And never has a single bench plane been suitable 100% of the time...until now.

We are thrilled to introduce the **VP-60 Variable Pitch Bench Plane**—the only plane easily set to any attack angle between 30° and 90° inclusive—which makes the VP-60 truly *one plane, for any grain, in any wood*. Here’s how it works...

At the heart of the **VP-60 Variable Pitch Bench Plane** is a robust A2 steel iron, hardened to Rc 60-62, cryogenically tempered, precisely lapped and sharpened to 29° (25° primary bevel, 4° micro-bevel). This iron is ready to use out of the box.

attack angle ever needed, including 30 degrees—the lowest attack angle we have ever seen.

As the frog pitch is lowered (*particularly with bevel-down irons*), the unsupported portion of the iron (*cantilever*) increases and can flex, causing “chatter”. Our articulated iron cap (*patent pending*) consists of a telescopic pressure bar and dampener that “loads” the cantilevered iron from the top with a force greater than the load encountered* during cutting. With the iron attenuated, the frequency (*vibration characteristics*) of the iron increases and you can feel and hear the results—the **VP-60 works and sounds unlike any other plane**. The results are impressive—reduced chatter translates into smoother cuts

and longer edge life. (*NOTE: The downward load an iron encounters in use is significant. This explains why shavings are often found trapped between the iron and chip breaker on many planes—an annoyance we have been unable to reproduce with the articulated iron cap on the VP-60 Variable Pitch Plane.)

The frog assembly of the **VP-60 Variable Pitch Bench Plane** houses a modified Norris-style depth

adjustor and two thumb wheels for laterally indexing the iron to the sole. Precise lateral adjustments can be done while sighting down the sole—it doesn’t get any easier than this.

The body of the **VP-60 Variable Pitch Bench Plane** consists of brass sides double-dovetailed to a stainless steel sole.



THE PITCH PERFECT PLANE

The **VP-60** iron nests to a frog assembly (*patent pending*) that pivots from 30° to 60°. This provides for a full 60° of attack angles; 30° thru 60° with the iron bevel down, and 60° thru 90° with the iron bevel up. **With a 60° range, the VP-60 truly becomes a “pitch perfect” plane, featuring every**

The front and rear of the throat opening are independently adjusted from the bottom of the sole. The totes are made from rosewood (Cocobolo) and the entire tool is an inspiring work of craftsmanship and design. Simply stated, this is an astonishing new plane, *the likes of which have never been seen before*.

THE INITIAL VP-60 SIGNATURE SERIES IS A LIMITED EDITION OF 400. EACH PLANE IS SEQUENTIALLY NUMBERED AND SIGNED BY MASTER TOOL DESIGNER, JOHN ECONOMAKI.

The new **VP-60 Variable Pitch Bench Plane** will cut or scrape any wood and provide a lifetime of joy. Want to shear end grain? Set the frog to 37.5 degrees, adjust the front throat and pressure bar and off you go. Need to flatten a difficult "roey" surface? Adjust the frog to 90 degrees and scrape it clean. For general purpose work, keep the frog set at 40 or 45 degrees. Changing from one attack angle to another takes approximately two minutes!



The **VP-60 Variable Pitch Bench Plane** is a significant deviation and improvement from traditional plane construction. The variable pitch frog, combined with our new articulated cap iron, replaces every single fixed-pitch bench plane of similar length available today. Whether you are a tool user or collector, this phenomenal tool will be cherished for decades to come.

OUR INTRODUCTORY OFFER EXPIRES October 28, 2005!

Don't Delay, Order Today! The initial, Signature Series production run is a limited edition of 400, each sequentially numbered and signed by master tool designer, **John Economaki**. The Signature Series VP-60's are in production and will be delivered in October. Call or visit our website: www.bridgecitytools.com today to reserve your Limited Edition VP-60!

EASY PAY OPTIONS: We offer several zero-interest easy pay options, please call **1-800-253-3332** for eligibility requirements.

Founder's Circle Automatic Order Customers: your automatic order with the free walnut storage case will be charged to your credit card at the time of shipment. If you would like to take advantage of our Easy Pay Option, please call **1-800-253-3332** and we will promptly honor your request.

1101-190S-LAQ	
VP-60 Variable Pitch Bench Plane w/lacquered totes	\$1500.00
1101-190S-WAX	
VP-60 Variable Pitch Bench Plane w/waxed totes	\$1500.00
2202-600	
Custom fitted, Walnut Storage Case	\$125.00*

Shipping, handling and insurance for each plane is \$19.95

**All Founder's Circle members will receive the walnut storage case FREE with their VP-60 order.*

SATISFACTION GUARANTEE

If, for any reason, you are not 100% satisfied with your purchase, simply return the item within 90 days after receipt for a merchandise exchange or full refund. Tools returned 90 days after delivery are processed under our Return/Repair Policy. For a full explanation of our Return/Repair Policy visit our website www.bridgecitytools.com.

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